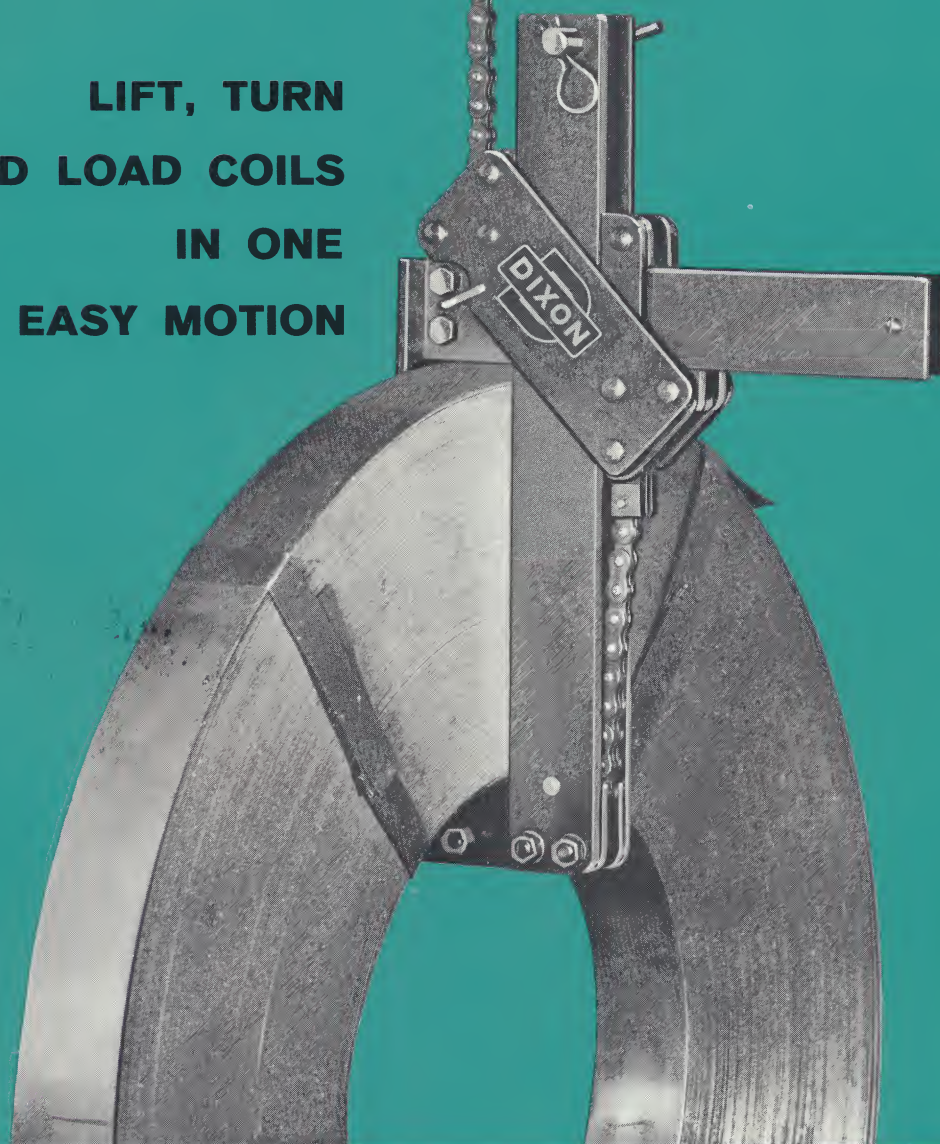


DIXON *Coil Handling* EQUIPMENT

coil grabs

coil hooks

LIFT, TURN
AND LOAD COILS
IN ONE
EASY MOTION



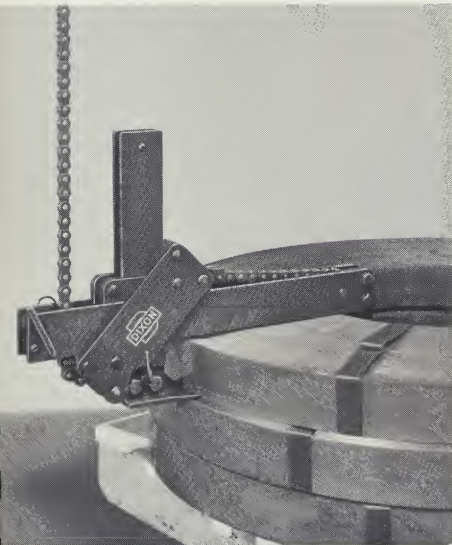
DIXON AUTOMATIC TOOL, INC.
2300-23RD AVENUE, ROCKFORD, ILLINOIS

Engineered by **DIXON** for

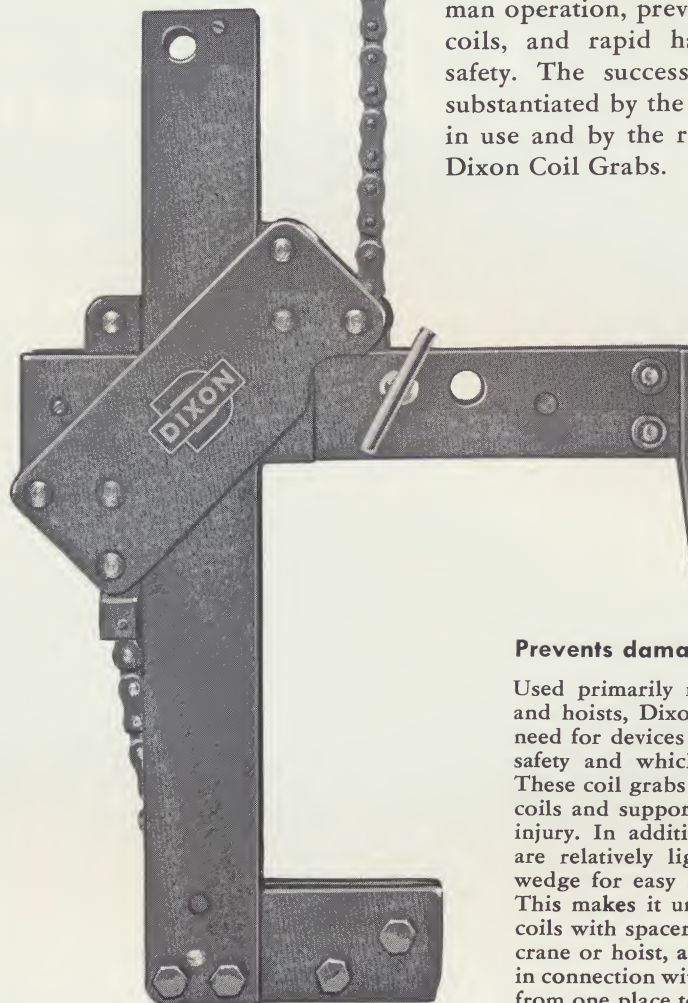
COIL GRABS

The Dixon Coil Grabs provide a convenient method of handling individually strapped coils of strip steel when storing or moving them from storage to a reel. In the design of our coil-handling equipment, special consideration was given to convenience for one-man operation, prevention of damage to the coils, and rapid handling with complete safety. The success of this equipment is substantiated by the many plants where it is in use and by the repeat orders placed for Dixon Coil Grabs.

The grab is placed on the coil near the binding strap where the wedge can easily enter and separate the coils. As soon as the lift begins, the jaws close on the coil automatically.



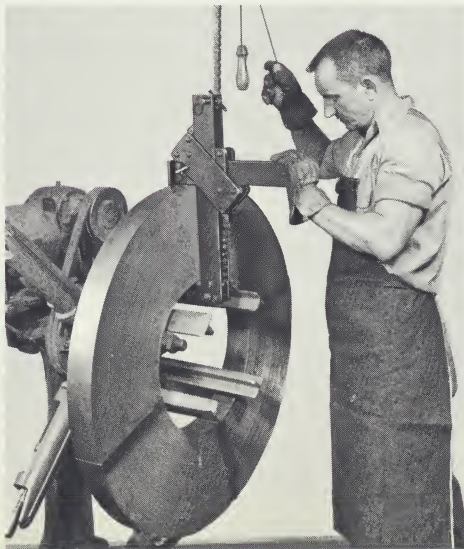
The grab has adjusted to the coil size and the jaws have closed on all four sides. As the coil is picked up, it automatically takes a vertical position for transporting.



Prevents damage to coils

Used primarily in conjunction with cranes and hoists, Dixon Coil Grabs eliminate the need for devices which do not contribute to safety and which often damage the stock. These coil grabs conform to the shape of the coils and support them on all sides without injury. In addition, they are very compact, are relatively light in weight, and have a wedge for easy separation of stacked coils. This makes it unnecessary to order stacked coils with spacer blocks. In the absence of a crane or hoist, a fork lift truck is often used in connection with the grabs for moving coils from one place to another.

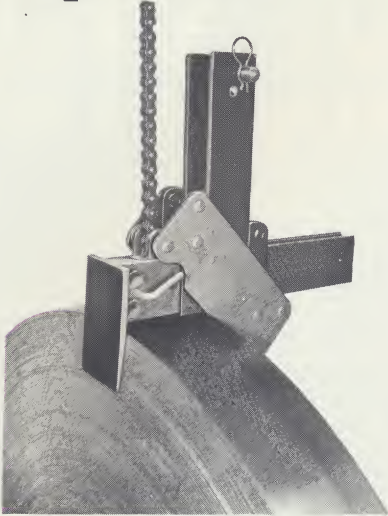
The coil has now been raised from its pallet and is firmly clamped for complete safety in transporting and placing on a reel.



When stacking coils, the T-pin for changing the suspension point is positioned so the coil hangs at an angle for lowering to a horizontal position.



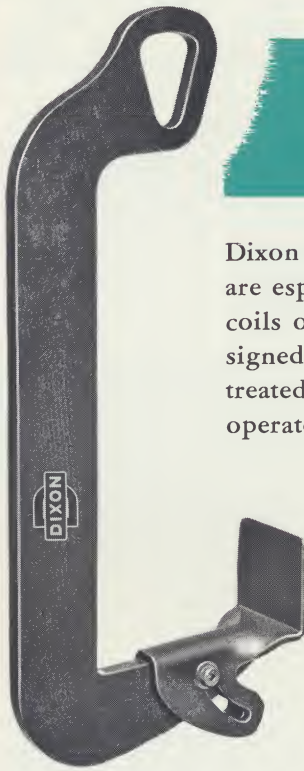
speed • convenience • safety



Firm grip on coil at all times

The basic feature of the Dixon Coil Grab is the use of a leaf-type chain, which operates in conjunction with the slides to exert clamping pressure against all four sides of a segment of the coil. A safety lock is provided to prevent the grab from releasing this pressure when the chain becomes slack as the result of a coil being set down in a vertical position. This consists of a pawl which operates against the chain. A convenient lever is provided for engaging and disengaging it.

A convenient T-pin is provided for changing the suspension point so that the wider coils will hang in a fully vertical position for placing on a reel or at an angle for lowering to a horizontal position for stacking. Reference to the four action photographs will give a good understanding of the ease with which coils can be handled.



COIL HOOKS

Dixon Coil Hooks are efficient coil-handling tools and are especially popular for use with small, light-weight coils or where the overhead clearance is limited. Designed with a high factor of safety and featuring a heat-treated pivoting wedge, our coil hooks appeal to the operator because of their light weight and convenience.

Providing spacer blocks between stacked coils permits easy insertion of the wedge. Light weight and pivoting wedge make it easy to position the hook.



Safe and easy to use

While Dixon Coil Hooks do not have the clamping and locking features of Dixon Coil Grabs, they are equipped with a pivoting wedge for easy tilting of stacked coils. In addition to providing for ease of picking up a coil, the wedge serves as a retainer after the coil has been lifted. This assures operator safety while transporting the coil and loading the reel. This safety feature and the ease and simplicity of coil handling are indicated by the action photographs shown here. Since the hook does not force a separation of the coils as the grab does, stacked coils should be ordered with spacer blocks.

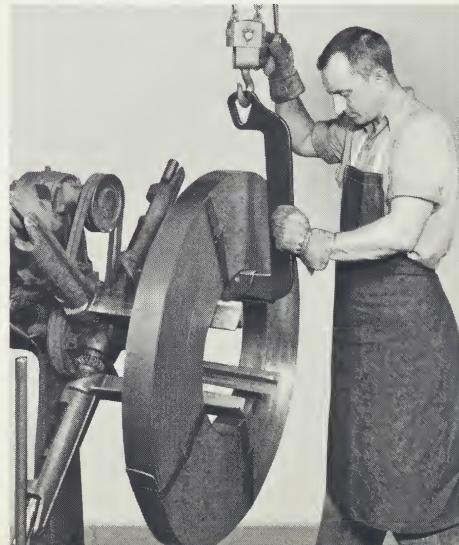
With the hook in place, the wedge pivots as the lift is started, and the coil begins to turn to a vertical position for transporting it.



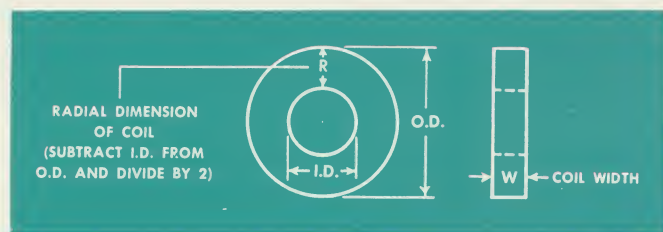
Coil is in vertical position after being lifted from its pallet. Safe transportation is assured by the pivoting wedge, which acts as a retainer for the coil.



Coil being loaded on a stock reel. The pivoting wedge provides operator safety while transporting and loading. Hook is easily removed from the coil after releasing the hoist.

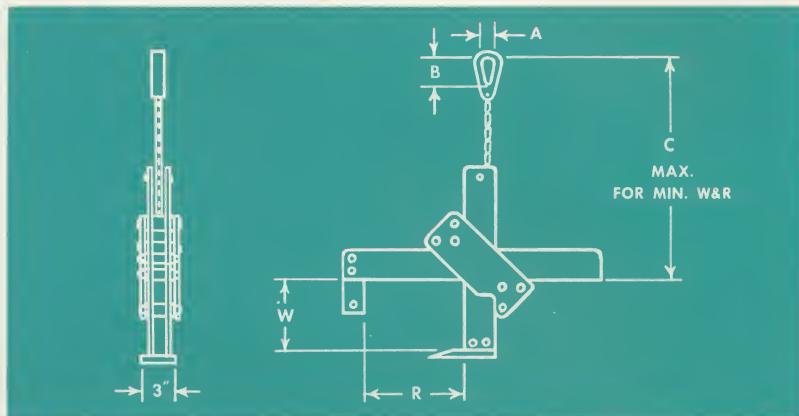


DIXON COIL-HANDLING EQUIPMENT SPECIFICATIONS

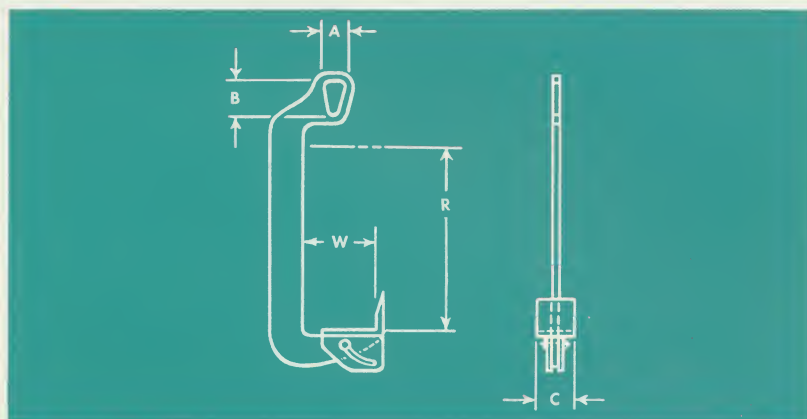


Drawing to the left is for reference in connection with the specification tables given below; also for use in furnishing the required data when asking for quotations on modifications of standard equipment.

MODEL A COIL GRABS



MODEL NUMBER	MAXIMUM COIL WEIGHT CAPACITY OF GRAB	A	B	C	WIDTH (W) CAPACITY OF STOCK TO BE HANDLED		O.D. — I.D. ÷ 2(R) CAPACITY OF STOCK TO BE HANDLED		APPROX. WEIGHT OF GRAB
					MIN.	MAX.	MIN.	MAX.	
A-10	1,000 LBS.	1¾"	3½"	42"	1"	4"	3½"	13"	28 LBS.
A-20	2,000 LBS.	1¾"	3½"	48"	2½"	9"	3½"	12"	30 LBS.
A-35	3,500 LBS.	2¼"	5"	65"	4"	16"	4"	12"	90 LBS.



MODEL H COIL HOOKS

RUSHMORE & WEBER INC.
LATHAM, N. Y.
PHONE STATE 5-8548

MODEL NUMBER	MAXIMUM COIL WEIGHT CAPACITY OF HOOK	A	B	C	WIDTH (W) CAPACITY OF STOCK TO BE HANDLED		O.D. — I.D. ÷ 2(R) CAPACITY OF STOCK TO BE HANDLED		APPROX. WEIGHT OF HOOK
					MIN.	MAX.	MIN.	MAX.	
H10-6	1,000 LBS.	2"	2¾"	3"	0"	6"	0"	13"	10 LBS.
H10-8	1,000 LBS.	2"	2¾"	3"	0"	8"	0"	13"	14 LBS.
H10-10	1,000 LBS.	2"	2¾"	3"	0"	10"	0"	13"	18 LBS.
H10-12	1,000 LBS.	2"	2¾"	3"	0"	12"	0"	13"	22 LBS.
H20-8	2,000 LBS.	2"	2¾"	3"	0"	8"	0"	16"	17 LBS.
H40-10	4,000 LBS.	2½"	3½"	1¾"	0"	10"	0"	18"	45 LBS.
H70-12	7,000 LBS.	3⅝"	4½"	2¼"	0"	12"	0"	20"	65 LBS.

MODIFICATIONS

Modifications in standard capacities of Coil Grabs and Coil Hooks can be made. Complete information is necessary in order to quote promptly. Please refer to the coil drawing above and send us the maximum width of coil (W), radial dimension (R), and the maximum weight.